

# Converting Colors

Hex(30154F)

Have a look what the booklet for  
Hex(30154F) contains.

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# Color

**Hex(30154F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30154F
RGB	48, 21, 79
RGB Percent	19%, 8%, 31%
CMY	0.8118, 0.9176, 0.6902
CMYK	0.39, 0.73, 0.00, 0.69
HSL	268°, 58%, 20%
HSV	268°, 73%, 31%
XYZ	2.8984, 1.7292, 7.5781
YIQ	35.6850, -2.5260, 23.7620

# Conversions

## Conversions Part 2

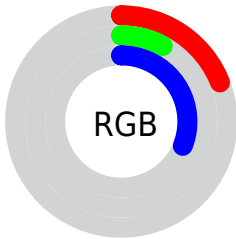
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 21, 79
Decimal	3151183
CIELab	14.00, 26.91, -30.55
CIELCh	14, 40.714, 311.379
Yxy	1.7292, 0.2375, 0.1417
Android (android.graphics.Color)	4281341263 (0xFF30154F)
YUV	35.6850, 21.3543, 10.8003
Hunter-Lab	13.1500, 16.3305, -24.9630

# Details

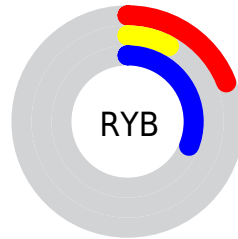
The Hex color **30154F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **344F15**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **614281**, and **000122** is the 20% darker color. If you saturate the color by 10%, you get **2C0D4F**, and if you desaturate by 10%, it is **341D4F**.

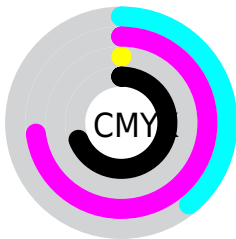
# Distribution



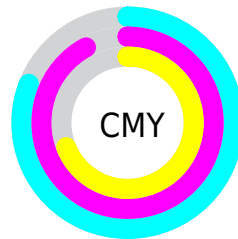
- Red (19%)
- Green (8%)
- Blue (31%)



- Red (19%)
- Yellow (8%)
- Blue (31%)



- Cyan (39%)
- Magenta (73%)
- Yellow (0%)
- Black (69%)



- Cyan (81%)
- Magenta (92%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30154F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 30154F by changing the saturation by 10% instead.



 30154F

 30154F

 FFFBFF

 1A0038

 614281

 000122

 7B5A9B

 000007

 9573B6

 000000

 B18CD2

 CCA7EE

 E9C2FF

 FFDEFF

 30154F

 30154F

■ 2C0D4F

■ 341D4F

■ 28054F

■ 38254F

■ 25004F

■ 3D2D4F

■ 41354F

■ 453C4F

■ 49444F

■ 4E4C4F

■ 52544F

■ 565C4F

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00245D



30154F



4C0036

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30154F



3B1B00



002F2E

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



30154F



344F15

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



002E10



30154F



242600

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30154F



4D0800



002B00



002F49

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30154F



530024



002B00



002F24



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



30154F



5A5066



15354F



2C2633



B3B3B3



333333



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30154F



360C66



4C154F



242226



2F0066



6B00E6



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4F1534



660C3C



184F15



262224



660037

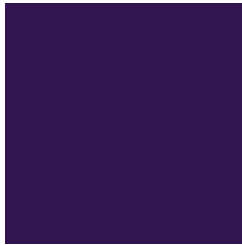


E6007B



# Previews

## White Background



This preview shows how the Hex color 30154F looks on a white background.

## Color Contrast Check

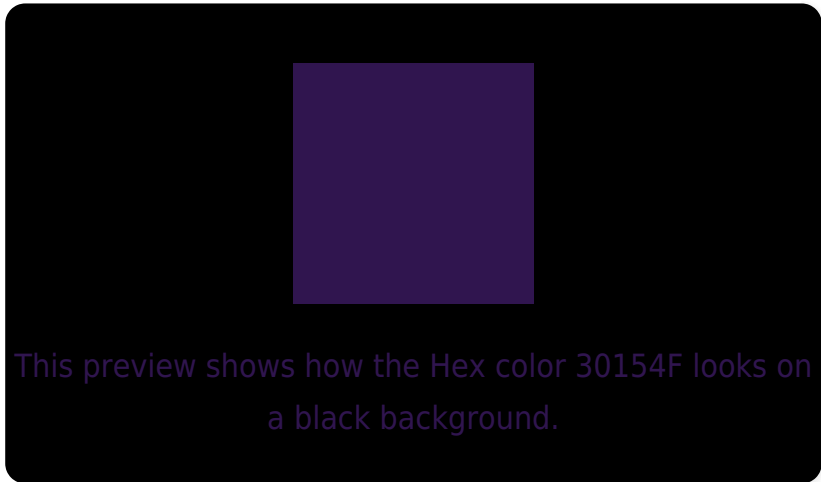
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

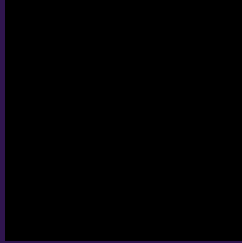
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 30154F Background



This preview shows how black text looks on a background with the Hex color 30154F.



This preview shows how white text looks on a background with the Hex color 30154F.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
30154F

**Protanopia**  
00234B

**Deuteranopia**  
002641



**Tritanopia**  
272426

# Trichromacy



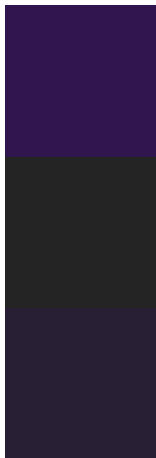
**Original Color**  
30154F

**Protanomaly**  
111E4C

**Deuteranomaly**  
112046

**Tritanomaly**  
2A1F35

# Monochromacy



**Original Color**  
30154F

**Achromatopsia**  
242424

**Achromatomaly**  
281F34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30154F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #30154F looks like.

```
.text, #text, p{  
    color:#30154F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #30154F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30154F
}
```

## Border

The CSS property to change the border of an element to Hex 30154F is called "border". The border property can be set on classes, ids or directly on the HTML element.

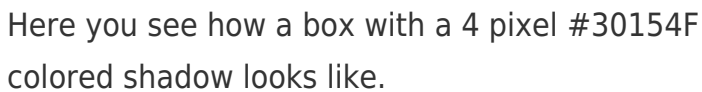
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30154F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#30154F }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #30154F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30154F; -webkit-box-shadow:4px 4px  
4px 4px #30154F; box-shadow:4px 4px 4px  
4px #30154F }
```

# Background

The CSS property to change the background color of an element to Hex 30154F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30154F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#30154F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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